Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2020-03-12-34** **Date: 31/12/2019**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	26-12-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	31/12/2019

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	24/12/2019	31/12/2019	151.65 X 149.19 X 151.53	22625	8.842	409.1	18.1	18.2
2	Drain Bottom Slab Concrete	M20	24/12/2019	31/12/2019	149.98 X 150.74 X 149.63	22608	8.322	410.7	18.2	
3	Drain Bottom Slab Concrete	M20	24/12/2019	31/12/2019	150.89 X 151.27 X 151.03	22825	8.860	420.6	18.4	

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TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Date: 21/01/2020

Lab ID	:	CP-2020-03-12-34
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	26-12-19
Customer ID	:	Drain Bottom Slab Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	21/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Bottom Slab Concrete	M20	24/12/2019	21/01/2020	150.42 X 151.58 X 149.38	22802	8.663	525.0	23.0	23.0
2	Drain Bottom Slab Concrete	M20	24/12/2019	21/01/2020	150.66 X 150.63 X 149.29	22693	8.034	510.0	22.5	
3	Drain Bottom Slab Concrete	M20	24/12/2019	21/01/2020	151.46 X 150.29 X 151.13	22762	8.325	534.0	23.5	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	**CP-2020-03-12-34** **Date: 04/01/2020**
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	149.85 X 151.97 X 150.14	22772	8.842	416.2	18.3	18.4
2	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	149.20 X 149.39 X 149.97	22290	8.322	415.1	18.6	
3	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	151.81 X 149.90 X 149.44	22757	8.860	414.3	18.2	

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Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2020-03-12-34

Date: 25/01/2020

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.

Agency : Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123

Customer's Reference : EE/DD/W.O/13/2012019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 30-12-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	149.21 X 151.97 X 150.66	22675	8.663	543.2	24.0	23.5
2	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	150.39 X 151.52 X 149.11	22788	8.034	520.6	22.8	
3	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	150.25 X 151.82 X 151.61	22810	8.325	543.8	23.8	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 04/01/2020

Lab ID	:	CP-2020-03-12-34
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm.
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	149.58 X 151.41 X 151.58	22648	8.842	424.2	18.7	18.6
2	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	150.55 X 149.41 X 149.60	22493	8.322	421.6	18.7	
3	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	150.62 X 150.75 X 151.69	22707	8.860	417.2	18.4	

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Certificate No.: TC-5548

TEST REPORT OF CEMENT CONCRETE CUBES

Format No: CP/TF/01

Lab ID : CP-2020-03-12-34

Date: 25/01/2020

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.

Agency : Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123

Customer's Reference : EE/DD/W.O/13/2012019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 30-12-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	150.14 X 151.63 X 150.92	22765	8.663	532.9	23.4	23.3
2	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	150.53 X 149.05 X 151.95	22436	8.034	506.3	22.6	
3	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	149.81 X 151.13 X 150.33	22641	8.325	541.9	23.9	

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Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2020-03-12-34
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date: 04/01/2020

Date of test : 04/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	150.12 X 151.68 X 149.65	22770	8.842	431.6	19.0	18.7
2	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	150.64 X 149.05 X 150.20	22454	8.322	415.6	18.5	
3	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	149.15 X 151.96 X 151.52	22665	8.860	422.5	18.6	

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TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/01/2020

Lab ID	:	CP-2020-03-12-34
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	151.47 X 149.74 X 151.43	22681	8.663	539.6	23.8	23.2
2	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	151.57 X 151.20 X 150.69	22918	8.034	515.9	22.5	
3	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	151.09 X 150.21 X 151.40	22695	8.325	527.7	23.2	

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2020-03-12-34 Date: 04/01/2020
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	151.39 X 150.66 X 149.94	22808	8.842	429.2	18.8	18.6
2	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	151.17 X 150.59 X 151.99	22765	8.322	426.8	18.7	
3	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	151.73 X 151.06 X 150.31	22921	8.860	419.8	18.3	

Note:

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID : CP-2020-03-12-34 Date: 25/01/2020

Customer : Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.

Address : T. Dasarahalli Sub Division, BBMP, Bangalore.

Project Name : Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.

Agency : Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123

Customer's Reference : EE/DD/W.O/13/2012019-20

Source of Sample : Sample supplied by Agency

Sample Condition : Satisfactory

Date of Receipt : 30-12-19

Customer ID : Drain Side Wall Concrete

Sample Type /Size : 150X150X150 mm

Sample grade/Age : M20 / 28 Days Compressive Strength

Reference to BIS codes : IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5

Date of test : 25/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	149.81 X 149.00 X 151.72	22322	8.663	522.6	23.4	23.3
2	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	151.87 X 149.50 X 149.01	22705	8.034	513.6	22.6	
3	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	151.10 X 150.98 X 151.27	22812	8.325	544.3	23.9	

Note:
The results pertain to the samples received and tested.
All information furnished by Customer/Representative
Any correction in the report will make this report invalid
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Samples will be disposed after 90 days from the date of issue of test certificate

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ಟಿ. ದಾಸರಹಳ್ಳಿ ಉಪ ವಿಭಾಗ
ಬಾಗಲಗುಂಟೆ, ಪಿ.ಬಿ.
ಬೆಂಗಳೂರು-560073.

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Technical Manager

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TEST REPORT OF CEMENT CONCRETE CUBES

Lab ID	:	CP-2020-03-12-34 Date: 04/01/2020
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Munirj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 7 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	04/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	149.20 X 150.62 X 150.03	22472	8.842	425.4	18.9	18.7
2	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	150.14 X 149.56 X 151.27	22454	8.322	417.8	18.6	
3	Drain Side Wall Concrete	M20	28/12/2019	04/01/2020	151.59 X 151.14 X 151.36	22912	8.860	424.0	18.5	

Note:
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Certificate No.: TC-5548

Format No: CP/TF/01

TEST REPORT OF CEMENT CONCRETE CUBES

Date: 25/01/2020

Lab ID	:	CP-2020-03-12-34
Customer	:	Assistant Executive Engineer, T. Dasarahalli Sub Division, BBMP, Bangalore.
Address	:	T. Dasarahalli Sub Division, BBMP, Bangalore.
Project Name	:	Improvements to CC Drain and Covering Slab Byalappa Circle Left Side to Nelamaheshwaramma Temple Road Dasarahalli Ward No.15.
Agency	:	Sri. Muniraj Naik. #58, Rayanna Nagara Nelamangala Bengalore-562123
Customer's Reference	:	EE/DD/W.O/13/2012019-20
Source of Sample	:	Sample supplied by Agency
Sample Condition	:	Satisfactory
Date of Receipt	:	30-12-19
Customer ID	:	Drain Side Wall Concrete
Sample Type /Size	:	150X150X150 mm
Sample grade/Age	:	M20 / 28 Days Compressive Strength
Reference to BIS codes	:	IS: 516 - 1959 Methods of Tests for Strength of Concrete Cl.5
Date of test	:	25/01/2020

Sl. No.	Identification Mark	Grade of concrete	Date of Casting	Date of Testing	Dimension of the Specimen (mm)	Cross sectional area (Sq.mm)	Weight of the sample (kg)	Failure Load (KN)	Compressive strength (N/mm^2)	Average Compressive Strength (N/mm^2)
1	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	150.62 X 149.52 X 149.92	22521	8.663	537.8	23.9	23.3
2	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	150.04 X 151.74 X 150.09	22767	8.034	505.3	22.2	
3	Drain Side Wall Concrete	M20	28/12/2019	25/01/2020	149.62 X 150.40 X 149.26	22503	8.325	534.8	23.8	

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